



#1  
9/21/03

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Hidenori Ishihara et al.

Serial No.: 10/067,531

Group Art Unit: 2855

Filed: February 7, 2002

Examiner: Octavia L. Davis

For: FOREIGN MATERIAL DETECTOR FOR SLIDING  
DOOR AND DETECTING METHOD THEREOF

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §1.56, the attention of the U.S. Patent and Trademark Office is hereby directed to the references listed on the attached Form PTO-1449. Copies of each of the references listed on Form PTO-1449 are attached.

Also enclosed is a copy of a Japanese Office Action bearing a mailing date of May 27, 2003 from the corresponding Japanese application, and the USPTO is directed thereto for a concise statement of possible relevance of the references cited therein.


Serial No.: 10/067,531

The above information is presented so that the U.S. Patent and Trademark Office may, in the first instance, determine any materiality thereof to the claimed invention. See 37 C.F.R. 1.104(a) and 1.106(b) concerning the USPTO duty to consider and use any such information. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that these references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

Respectfully submitted,

PARKHURST & WENDEL, L.L.P.

August 11, 2003  
Date

  
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RWP:RNW/mhs:ame

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整理番号 ASP-00056

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発送日 平成15年 5月27日 1 / 2

## 拒絶理由通知書

特許出願の番号	特願2001-031430
起案日	平成15年 5月21日
特許庁審査官	吉岡 麻由子 9817 2R00
特許出願人代理人	中島 淳(外 3名) 様
適用条文	第29条第2項

この出願は、次の理由によって拒絶をすべきものである。これについて意見があれば、この通知書の発送の日から60日以内に意見書を提出して下さい。

## 理 由

この出願の下記の請求項に係る発明は、その出願前日本国内又は外国において頒布された下記の刊行物に記載された発明又は電気通信回線を通じて公衆に利用可能となった発明に基いて、その出願前にその発明の属する技術の分野における通常の知識を有する者が容易に発明をすることができたものであるから、特許法第29条第2項の規定により特許を受けることができない。

記 (引用文献については引用文献一覧参照)

請求項1、2、3、4、5、6、7、8、9

引用文献1

備考：

引用文献1の【0016】～【0042】段落、第1～9図を参照のこと。

請求項10、11、12

引用文献1、2

備考：

保持部を、断面凹形状の凹部と、剛性が凹部の剛性以下で、凹部に対抗して設けられた柔軟部とから構成した点は、引用文献2（【0011】～【0016】段落、図3参照）に記載されている。

## 引 用 文 献 一 覧

1. 特開平11-182136号公報
  2. 特開平11-222036号公報
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## 先行技術文献調査結果の記録

調査した分野      I P C第7版    E 0 5 F 1 5 / 0 0  
  B 6 0 J     5 / 0 0

この先行技術文献調査結果の記録は、拒絶理由を構成するものではない。  
補正の際は、出願当初の明細書及び図面における補正の根拠となる箇所を意見書で明示されたい。

また、補正は、出願当初の明細書又は図面に記載された事項の範囲内で行い、新規事項を追加しないように留意されたい。

この拒絶理由通知の内容に関するお問い合わせ先

特許審査第1部 住環境 吉岡麻由子

TEL 03(3581)1101 内線3243

(以下余白)

[Translation]

## NOTICE OF REASONS FOR REFUSAL

Patent Application No.: 2001-031430  
Drafting Date of Notice: May 21, 2003  
Mailing Date of Notice: May 27, 2003  
Patent Office Examiner: Mayuko Yoshioka (9817 2R00)  
Representative Patent Attorney: Jun Nakajima (and three others)  
Applicable Law: Article 29(2)

The present application is refused for the following reasons. Any opinions in this matter should be submitted in an Argument within 60 days of the mailing date of this Notice.

### Reason

The invention of this application, in the claims thereof indicated below, is an invention that could easily have been made, prior to the filing of the patent application, by a person with ordinary skill in the art to which the invention pertains, on the basis of inventions described in the publications indicated below, which were distributed in Japan or elsewhere prior to the filing of the application, or inventions that have been available to the public via telecommunication lines; and as such, in accordance with Section 29(2) of the patent law, cannot be granted a patent.

### Notes

(Please refer to the list of the cited references below)

Refused Claims: 1-9

Cited Reference 1

Remarks:

See paragraphs 16 to 42 and figures 1 to 9 of Cited Reference 1.

Refused Claims: 10-12

Cited References 1 and 2

Remarks:

Cited Reference 2 (see paragraphs 11 to 16 and figure 3) describes a retaining portion comprising a recessed portion having a recessed cross section and a flexible portion having rigidity equal to or less than that of the recessed portion and provided so as to face the recessed portion.

### List of the Cited References

1. Japanese Patent Application Laid-Open (JP-A) No. 11-182136
2. JP-A No. 11-222036

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### Record of Results of Prior Art Document Search

Technical fields searched:

IPC 7th edition	E05F15/00
	B60J 5/00

This record of results of prior art document search does not constitute grounds for refusal.

For filing an Amendment, the grounds for amendment in the specification and the drawings submitted at the time of application should be specified in an Argument.

Note that amendments should be performed within the range of the matters described in the specification and the drawings submitted at the time of application. The Amendment should not include any new matter.

Please contact the person below for inquiries pertaining to the content of this Notification of Reasons for Refusal.

Patent Examination First Division, Mayuko Yoshioka  
Tel. 03 (3581) 1101 Extension (3243)